



A U.S. Department of Defense Information Analysis Center (IAC) sponsored by the Defense Technical Information Center (DTIC)

SOLDIER SYSTEMS COMMAND CHEMICALLY AND BIOLOGICALLY PROTECTED SHELTER SYSTEM CBPSS-2000

By Andrea Kirsteins, U.S. Army Soldier Systems Command

The U.S. Army Soldier Systems Command, located in Natick, Massachusetts, is completing development and initiating production of the Chemically and Biologically Protected Shelter System (CBPSS).



Figure 1: CBPSS in its mobile mode.

CBPSS is an integrated, self-contained, highly mobile system, which is designed to be used as a Battalion Aid or Division Clearing Station. It is a direct replacement for the M51 Collective Protection System. By providing environmentally controlled collective protection, CBPSS allows wounded soldiers to be safely treated in a chemically or biologically contaminated area.

The system is made up of four major subcomponents: a dedicated High Mobility Multipurpose Wheeled Vehicle (HMMWV) Heavy Variant; the rigid wall Lightweight Multipurpose Shelter (LMS) mounted onto the HMMWV; an air beam supported chemical-biological protective soft shelter; and an Environmental Support System (ESS). (See Figure 1).

The HMMWV engine provides the primary power to operate the CBPSS, and a modified High Mobility Trailer (HMT) with a 10 KW Tactical Quiet Generator (TOGG), which furnishes standby power, accompanies it. The HMMWV and IMS afford room for four passengers and their equipment. The Air Beam Shelter (ABS) is rolled and transported on the rear of the HMMWV and can be inflated and operational within 20 minutes.

The ABS is a 300 square foot Kevlar-fluoropolymer laminate-soft walled shelter, which is CB protective and decontaminable.

The air beam technology uses compressed air to fill urethane lined Kevlar columns around the internal perimeter of the ABS eliminating the need for rigid support. Using compressed air to overpressure the shelter, contaminated air is prevented from entering, yet patients can gain entry through either an ambulatory or litter airlock without fear of affecting the quality of the filtered air inside the CBSS. (See Figure 2).

The ESS is hydraulically powered by the HMMWV engine and is mounted over the vehicle cab. The ESS provides heating, air conditioning, ventilation, overpressure and NBC filtration. It also supplies power for lighting, communication, medical equipment and other small electrical devices. The unique design of the CBPSS allows it to operate under extreme weather conditions at temperatures from -25°F to +120°F while maintaining an internal temperature between 60°F and 90°F.

The CBPSS was type classified limited procurement urgent in December 94. U.S. Army Soldier Systems Command awarded a production contract to Engineered Air Systems, Inc., St. Louis, Missouri, for the manufacture of nine first articles and initial production quantities.

Currently the CBPSS is undergoing first article testing at military test centers, including those at Natick, Massachusetts, Aberdeen Proving Ground-Edgewood Area, Maryland, and Eglin Air Force Base, Florida. The testing should be completed by the end of October and is designed to demonstrate the capability of the unit to perform under a wide range of severe environmental situations, including a chemical-biological challenge, high and low temperature extremes, heavy rain, rigorous mobility conditions and helicopter airlift. In early 1998, CBPSS will also undergo an Initial Operational Test and Evaluation at Ft. Hood, Texas. The purpose of this test is to demonstrate CBPSS' capability to be employed by U.S. Army personnel in actual operational situations.

While the system was principally designed

as a field medical facility, CBPSS has far reaching capabilities to satisfy a wide range of military and civilian applications. From military command and control to use as an emergency facility during natural disasters such as tornadoes, hurricanes and floods, CBPSS provides a rapidly deployable, mobile, environmentally safe, comfortable and protected shelter.

First Unit Equipped is scheduled for October 98.



Andrea Kirsteins is the Project Manager for the Chemically and Biologically Protected Shelter System at U.S. Soldier Systems Command in Natick, Massachusetts. For Further Information, she can be reached by telephone at 508-233-5258 or by E-mail at akirstei@natick-emh2.army.mil.



Figure 2: CBPSS in its constructed mode.

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CBIAC Welcomes New Director and New TAT Manager



On October 1, 1997, Mr. Ronald L. Evans assumed the position as the Director of the CBIAC and its satellite offices. Mr. Evans brings to the CBIAC over 28 years of management experience and technical expertise in the research, development, and acquisition (RDA) of highly technical military systems, with special emphasis in Nuclear, Chemical, and Biological (NBC) defense systems. He has managed complex organizations responsible for technology development as well as both basic and applied research in the fields of atmospheric sciences and NBC defense. Past appointments include executive management positions in organizations that are involved in the RDA of ballistic missile defense systems as well as NBC defense systems. Mr. Evans has extensive experience in international RDA management, financial management, and organizational management.

While on active duty with the U.S. Army, Mr. Evans held several key managerial roles. His various assignments included serving as Chief of the Chemical Team, Office of the Deputy Chief of Staff for RDA in the Pentagon; as Project Manager, NBC Defense Systems; as Director of the U.S. Army's Atmospheric Sciences Laboratory; and finally as Deputy and Chief of Staff for the Program Executive Office (PEO) Missile Defense.

On the international scene, Mr. Evans worked for over 10 years with both private industry and the governments of foreign countries to identify, develop, and execute cooperative research and development programs. He served for over 4 years as the U.S. Government's representative to two NATO Research and Development Panels (NBC Defense and Air Defense).

After his retirement from the U.S. Army, and prior to accepting the appointment as Director of the CBIAC, Mr. Evans joined Battelle Memorial Institute as Project Manager for several NBC defense systems.



On October 1, 1997, Ms. Janice E. Rhodes was appointed the Manager of CBIAC Technical Area Tasks (TATs). Transferring from the Battelle Edgewood Operations office, Ms. Rhodes brings with her over nine years of experience in the Chemical and Biological Defense (CBD) arena.

Serving as the Principal Investigator (P.I.) on numerous technical task-order efforts, Janice has gleaned experience in all aspects of TAT management and execution. She has worked extensively in support of hardware programs such as the Light Vehicle Obscuration Smoke System (LVOSS), the Lightweight Standoff Chemical Agent Detector (LSCAD), and the M22 Automatic Chemical Agent Detector (ACADA). She managed all aspects of Battelle's support to these programs, both programmatic and technical, to assist the Government in ensuring successful passage through the acquisition life cycle of these programs. Additionally, Ms. Rhodes has provided research and technical support on TAT efforts for the Chemical Weapons Convention (CWC) Treaty Verification and Compliance program. Prior to her appointment as the CBIAC TAT Manager, Ms. Rhodes was coordinating TAT efforts in support of the CBDCOM Domestic Preparedness Program.



*DTIC and the staff of the CBIAC would like to extend a warm welcome to
Mr. Evans and Ms. Rhodes.*

Contract Awards

1. Automatic Gas Alarm
Summit Associates
10910-H Southlake Court
Richmond, VA 23236-3914
\$55,965. October 24, 1997
By Defense General Supply Center
2. OBA-4, Large Facepiece
Mine Safety Appliance Co.
P.O. Box 428
Pittsburgh, PA 15230
\$46,861. November 12, 1997
By Defense General Supply Center
3. ComboPen Auto-injectors for
Nervegas/Chemical Agent Poisoning
STI International, Subsidiary of
Meridian Medical Technologies of
Colombia, MD
\$2,500,000.
By United Kingdom Ministry of
Defence
4. Decontaminating Resin
Truetech, Incorporated
680 Elton Street
Riverhead, NY 11901-2555
\$1,162,950. December 23, 1997
By U.S. Army Armament and Chemical
Acquisition and Logistics Activity
5. Decontaminating Agent, STB
Los Angeles Chemical Co.
4545 Ardine St.
P.O. Box 1987
South Gate, CA 90280
\$151,416. December 18, 1997
By Defense General Supply Center
6. M256A1 Chemical Agent Detector
Kit
Truetech, Incorporated
680 Elton Street
Riverhead, NY 11901-2555
\$607,623. November 25, 1997
By U.S. Army Armament and Chemical
Acquisition and Logistics Activity
7. Low Temperature Decontamination for
Chemical and Biological Defense
Systems Evaluation Laboratory in
Flight Corporation
P.O. Box 34601
West Bethesda, MD 20827
\$98,648. November 21, 1997
By U.S. Army Research Office
8. Chemical Protective Ensemble and
Pressure Test Kit
Geomet Technologies, Inc.
20251 Century Blvd.
Germantown, MD 20874
\$75,000. November 20, 1997
By General Services Administration
9. Detection of Toxin and Chemical
Agents
Biopraxis
P.O. Box 910078
San Diego, CA 92191
\$293,000. November 19, 1997
By U.S. Army Research Office
10. M18A1 Detector Kit and M30A1 Refill
Kit
Truetech, Incorporated
680 Elton Street
Riverhead, NY 11901-2555
\$150,782. November 12, 1997
Acquisition and Logistics Activity
11. Special Chemical Analytical Services
for the Compound Dioxin in Soil,
Water, and Samples
Southwest Laboratory of Oklahoma
1700 West Albany
Broken Arrow, OK 74012
\$175,800. November 10, 1997
By U.S. Environmental Protection
Agency
12. Special Chemical Analytical Services
for the Analysis of Wipe Samples for
the Compound Methyl Parathion
Custom Analytical Technologies, Corp.
9180 Rumsey Rd.
Columbia, MD 21784
\$40,000. October 27, 1997
By U.S. Environmental Protection
Agency
13. Analytical and Technical Support for
the Chemical Emergency
Preparedness and Prevention Office
ICF INCORPORATED
9300 Lee Highway
Fairfax, VA 22031-1207
\$9,338,649. October 23, 1997
By U.S. Environmental Protection
Agency
14. Chem-Bio Protective Masks
ILC Manufactured Products Division
Two Moonwalker Rd.
Frederica, DE 19946
\$238,690. October 20, 1997
By U.S. Army Armament and Chemical
Acquisition and Logistics Activity

CBIAC at Crystal City

Business for the CBIAC office at Crystal City has increased during the first quarter of FY98. The CBIAC at Crystal City offers the same products and services as the main office of the CBIAC, and can conduct bibliographic database searches onsite. The CBIAC at Crystal City interfaces with the main office of the CBIAC for inquiries requiring additional resources.

Inquiries have been received from U.S. Government agencies, military organizations, academia, private industry, and public service agencies. Recent inquiries have been primarily in the area of Domestic Preparedness and Counter-Terrorism, with requestors seeking guidance on personnel and equipment decontamination.

The document holding of the CBIAC at Crystal City have increased on a weekly basis at a rate substantial enough to initiate the creation of an onsite document library in 1998.

The CBIAC at Crystal City is located at 1725 Jefferson Davis Highway, Suite 600 Crystal Square #2, Crystal City, Virginia. The Points of Contact (POCs) for the CBIAC Crystal City location are Mr. Jeff Farr (farrj@battelle.org) and Ms. Kaity Handal (handalk@battelle-cc.org). Both POCs can be reached by telephone at 703-413-8866.



ONGOING AND RECENT ACTIVITIES

Current Awareness and Promotions

Representatives from the CBIAC attended the **DTIC'97 Annual Users Meeting and Training Conference**, held November 3-6, 1997, in Arlington, VA. CBIAC, products and services were on display, highlighting the new Internet access to the CBIAC Bibliographic Database (BD) for qualified users.

Ron Evans, Janice Rhodes, and Don McGonigle attended the Jane's Conference on **Countering Chemical and Biological Weapons: Government Programs, Industry Opportunities**, held November 19, 1997, in Washington, D.C. The CBIAC display showcased TAT work performed in support of Government programs and CBIAC informational products and services.

The CBIAC was represented at **The Chemical and Biological Medical Treatment Symposium (CBMTS)-Middle East I**, held December 7-11, 1997, in Cairo, Egypt. This was the fourth meeting in a series of symposia conceived by Applied Science and Analysis (ASA) of Portland, Maine. The CBIAC was an active participant along with scientists from over 18 countries. For further details, see *Meeting Highlights* on page 12.

Acquisition and Processing

Last quarter, the majority of the CBIAC acquisitions were in the area of chemical and biological terrorism, threat and domestic preparedness, the Chemical Weapons Convention (CWC), individual protection, detection technologies and medical aspects of a number of important chemical and biological warfare agents. These acquisitions included a variety of documents such as journal articles; books; research and white papers; and technical reports. Acquisitions received were primarily in a hardcopy format; however, several were in electronic formats [including portable document file format (PDF)] which will complement the features available in the Basis Desktop Windows Client Interface version of the CBIAC BD.

Inquiry and Referral Services

Last quarter, the CBIAC responded to 158 inquiries. Eleven percent of the requestors sought information on Warning and Identification, while another ten percent were seeking information on Individual and Collective Protection. The chart at the bottom of the page shows the number of inquiries submitted by various organizations during first quarter, FY98.

Products

See page 7 for the *FY98 CBIAC User Survey*. Please take a moment to complete this form and return it to the CBIAC. Your comments are valuable to us, and help us to improve our services and design products of value to the chemical and biological defense community.

For your convenience, a *CBIAC Products Order Form* can be found in the pullout section on page 9. Handbooks, databooks, critical reviews and State-of-the-Art-Reports (SOARs) on chemical and biological (CB) warfare and CB defense are among the basic products available through the CBIAC.

Technical Area Tasks (TATs)

Since the last newsletter, five new tasks were awarded, effort was added to nine ongoing tasks, and six tasks have been completed. As of 31 December 1997, a total of 142 TATs have been awarded. Total value of TATs awarded is over 66 million dollars.

For further information on a CBIAC TAT, contact Judith Shetterly, CBIAC Administrator. In order for us to help you most efficiently, please furnish your Government Contract Number (if any), the reason you are requesting the information, and your organization's address and telephone number. This information is needed in order to obtain the release of information from the TAT sponsor.

Completed:

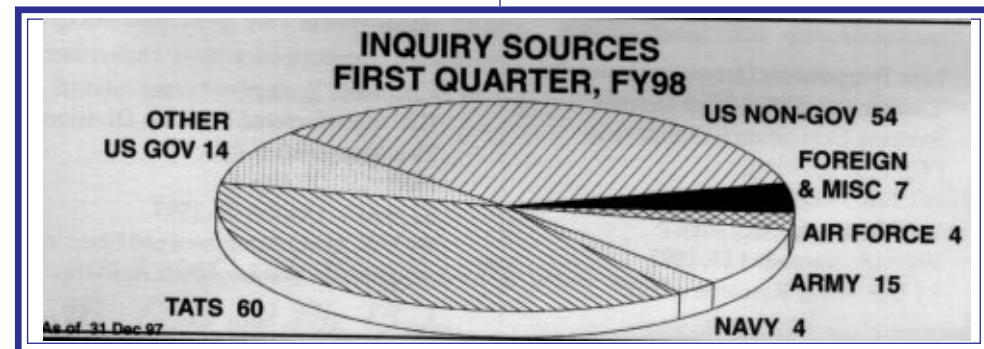
Task	Description/Sponsor
60	Evaluate Aerosol Detection Instruments and Test Aerosols to Assess Suitability to Measure Respirator Performance USA/ERDEC
168	Obtain Skin Pathology Data on Waste Streams and/or Degradation Products Resulting from the Chemical Neutralization/Detoxification of Sulfur Mustard USA/ERDEC
230	Determine the Reliability of the M28 Liner System and Identify Improvements USA/ERDEC
270	Provide NBC Defense Operations and Procedures Technical Support to USAF/HSC. USAF/HSC

Underway:

Task	Description/Sponsor
273	Provide the DATSD for CP/CBD with Technical Support Involving Quick Reaction Assessments and Studies OSD/DATSD
274	Evaluate the Protective Capacity of Candidate Chemical Agent Protective Gloves USAF/HSC
301	Evaluation of Non-Lethal Grenades for Implementation in the LVOSS USA/CBDCOM
316	Develop, Apply, and Maintain the Computer Software Tools Needed to Manage and Make Accessible Data Related to Military Chemical Agents USA/ERDEC

Ongoing and Recent Activities

Continued on page 13



CB NEWS EXCERPTS

In order for the CBIAC to inform its readers of recent Chemical/Biological Defense activity throughout the United States and around the world, we have compiled a list of related CB news articles and have taken excerpts from them to create brief overviews. Please note that the CBIAC does not provide secondary distribution of articles. We can, however, provide direction on where to find an article of interest. For further information contact Mary Frances Tracy (tracymf@battelle.org) at 410-612-6417.



Graham, Bradley. *Pentagon Plans to Inoculate Troops Against Anthrax Bacteria*, <http://search.washingtonpost.com/wp-srv/WPlate/1997-12/16/0431-121697-idx.html>, 16 December 1997. The Pentagon announced plans for U.S. military personnel to be vaccinated against anthrax bacteria. This is a "first" for American troops: receiving routine inoculations against a germ warfare agent. Defense Secretary William S. Cohen stated this move was a "force protection issue" and had no connection between the timing of this announcement and the increased tensions with Iraq. By 2004, all active duty and reserve personnel will be vaccinated, with the initial vaccinations starting next summer. The approximate 100,000 personnel stationed in the "high threat" areas, such as the Persian Gulf and Korean peninsula and those slated to be sent there, will be first to receive the inoculations. Beyond developing a tracking system for those that have been inoculated, the complicating factor is the length of the inoculation process, which requires six doses spread over 18 months plus annual boosters. Approximately 2.4 million people, including "mission-essential" civilian employees, will be immunized at a cost of \$130 million over the next 6 years. Although no country is known to have released anthrax on the battlefield, the U.S. says that as many as 10 countries have the capability to load anthrax spores into weapons. One hundredth of a millionth of a gram is enough to kill. Anthrax is extremely stable and remains viable for many years in water and soil. When inhaled, anthrax spores cause severe pneumonia and death within a week. The anthrax vaccine has been used widely in the U.S. by veterinarians,

leather workers, laboratory technicians, and others, who have frequent contact with animals or animal products, where risk of exposure to anthrax is higher than normal.

Hara, Steve. *Saddam's One Reason DoD Boosts Counterproliferation*, **APG News**, 3 December 1997. With the high visibility of the Iraq-U.N. face-off over weapons inspection, Defense Secretary William Cohen stated the continued need for U.N. inspectors in Iraq. Cohen indicated this would not be a short-term effort dealing with the Iraqi proliferation problem, and while military force would always be an option, it would not be the first choice. The 1997 DoD proliferation report (available at <<http://www.defenselink.mil/pubs/prolif97/index.html>>) prominently features Iraq as well as North Korea, China, India, Pakistan, and Iran. Each of these countries has missiles and weapons of mass destruction. Cohen stated that these weapons are a clear and present danger. He then proceeded to outline DoD responses to the threats: 1) The Quadrennial Defense Review (available at <<http://www.defenselink.mil/pubs/qdr>>) Commits a of \$1 billion increase over 5 years in counterproliferation spending, including protective measures 2) DoD's Counterproliferation Council will monitor U.S. training and plans to improve U.S. responses to threats 3) The new Threat Reduction and Treaty Compliance Agency, announced on November 10, 1997, consolidates the On-Site Inspection Agency, Defense Special Weapons Agency, and Defense Technology and Security Administration, and will integrate several programs to improve their effectiveness 4) On the domestic preparedness front, the National Guard will assume new responsibilities and the DoD will train key first responder representatives (medical, fire, police, etc.)

Clinton Shifts Nuclear Arms Use Policy, http://www.foxnews.com/news/wires2/n_1207_37.sml, 7 December 1997. President Clinton has officially eliminated the concept of the U.S. winning a prolonged nuclear war based on present military guidelines. The guidelines provided to military planners in November stated that nuclear weapons should only be used to deter a nuclear attack versus win a long war. Robert Bell, director of defense policy for the National Security Council, stated the directive also discusses how nuclear weapons can be used in response to chemical and biological weapons attacks.

Individuals and Corporations Invited To Join the Chemical Corps Regimental Association

The Chemical Corps Regimental Association (CCRA) would like to extend an invitation to individuals and companies associated with the Nuclear, Biological and Chemical (NBC) Defense Industry to join the CCRA. Individual, regular membership is \$25.00 per year. Corporate membership is \$125.00 per year. The CCRA helps maintain the Chemical Corps heritage through support of the Chemical Corps Museum Park at Fort McClellan, Alabama.



The Chemical Corps Regimental Association, Inc., a nonprofit corporation, was established pursuant to the provisions of Chapter 3, Non-Profit Corporation of Title 10 of the Code of Alabama. Individual regular members and corporate members receive a copy of the *Chemical Corps Regimental Association Directory*, the "Yellow Book," the *Army Chemical Review* periodical, and *Retorts*, a quarterly newsletter with a distribution approaching 2,000. Names of Corporate patrons are displayed in the museum.

The Board of Directors has executed their Museum Master Plan. Great progress has been made from building and furnishing the Regimental Room to building the World War I and World War II, Korea and Vietnam exhibits. With the impending move of the Chemical School, and the Chemical Corps Museum and Memorial Gardens to Fort Leonardwood, Missouri, the CCRA desperately needs support in the form of money and services. Without this support we cannot continue in our vision of completing exhibits for all time frames of war and conflict where Chemical Soldiers and the materiel developed and produced by the military-industrial team made an important contribution.

The CCRA has a website at <<http://www.nti.net/ccra>>. If you are a corporate member and have a website that could be linked to the CCRA homepage, or you would like an information brochure or application, please contact COL (Ret.) Morton S. Brisker of Battelle, Vice-President for Corporate Membership at 410-569-0200 facsimile 410-569-0588 or E-mail, briskerm@battelle.org.



Editor's Note: We incorrectly reported the URL in the last issue as <<http://www.ntl.net/ccfa>>. Our apologies for any inconvenience this may have caused.

CALENDAR OF EVENTS

The CBIAC highlights conferences, symposia, meetings, exhibitions and workshops of interest to the CB community in every issue of our newsletter and on the CBIAC homepage at <<http://www.cbiac.apgea.army.mil/calendar.html>>. We invite CBIAC users to submit information on various events to Mary Jo Waters(watersm@battelle.org) at 410-612-6418. Due to space limitations, the CBIAC will accept submissions on a first-come, first-served basis and reserves the right to reject submissions.

1998 Meetings

February 16-18

AUSA Winter Symposium & Exhibition

Orlando, FL

Contact(s) Association of the U.S. Army (AUSA)
2425 Wilson Boulevard
Arlington, VA 22201
Tel: (703) 841-4300 Fax: (703) 243-2589
<http://www.ausa.org/meetings/calendar.htm>

Feb. 24-26

Non-Lethal Defense III

Kossiakoff Center

Johns Hopkins Applied Physics Laboratory

Laurel, MD

Contact(s) National Defense Industrial Association (NDIA)
2111 Wilson Boulevard, Suite 400
Arlington, Virginia 22201
POC: Michelle Bilowich
Tel: (703) 522-1820 Fax: (703) 522-1885
E-mail: mbilowich@ndia.org
<http://www.ndia.org/events/brochure/842/842cfp.htm>

March 1-6

PITTCON '98

Morial Convention Center

New Orleans, LA

Contact(s) Pittcon '98
Attn: Dr. John P. Baltrus, Program Chairman
The Pittsburgh Conference
300 Penn Center Blvd., Ste. 332
Pittsburgh, PA 15235-5503
Tel: (412) 825-3220 Fax: (412) 825-3224
<http://www.pittcon.org>

March 30-31

ComDef '98

National Press Club

Washington, DC

Contact(s) IDEEA, Inc.
6233 Nelway Drive
POC: Quentin Whiteree
Tel: (703) 760-0762
E-mail: qwhiteree@ideea.com

March 31-April 2

9th Annual TARDEC Ground Vehicle Survivability Symposium

Naval Postgraduate School

Monterey, CA

Contact(s) National Defense Industrial Association (NDIA)
2111 Wilson Boulevard, Suite 400
Arlington, VA 22201
Tel: (703) 522-1820 Fax: (703) 522-1885
<http://www.ndia.org/events/brochure/tardec/tardecfp.htm>

April 1-2

DoD Chemical/Biological Mission Area Advance Planning Briefing for Industry

Kossiakoff Center

Johns Hopkins Applied Physics Laboratory

Laurel, MD

Contact(s) U.S. Army Chemical and Biological Defense Command (CBDCOM)
APG, MD 21010-5423
Tel: (410) 671-2031 Fax: (410) 612-6529
and
National Defense Industrial Association (NDIA)
211 Wilson Boulevard, Suite 400
Meeting Reference: #837
POC: Angie De Kleine
Tel: (703) 247-2588 Fax: (703) 522-1885
E-mail: adekleine@ndia.org
<http://www.cbdcom.apgea.army.mil/rda/apbi/index.html>

April 5-9

1998 Simulation Multiconference

Boston Park Plaza Hotel

Boston, MA

Contact(s) The Society for Computer Simulation International (SCSI)
Box 17900
San Diego, CA 92177-7900
Tel: (619) 227-3888 Fax: (619) 277-3930
E-mail: scs@sdsc.edu
<http://www.scs.org>

April 6-9

24th Environmental Symposium and Exhibition

"Smart Business Practices for Mission Readiness and Environmental Sustainability"

Tampa Convention Center

Tampa, Florida

Contact(s) National Defense Industrial Association (NDIA)
2111 Wilson Boulevard, Suite 400
Arlington, Virginia 22201
POC: Ms. Kanzada Douglass
Tel: (703) 247-2586 Fax: (703) 522-1885
E-mail: kdouglass@ndia.org
<http://www.ndia.org/events/brochure/844/844cfp.htm>

April 28 - 30

Smoke/Obscurants Symposium XX

Edgewood Area Conference Center

Aberdeen Proving Ground, MD

Contact(s) U.S. Army Chemical and Biological Defense Command (CBDCOM)
APG, MD 21010-5423
POC: Ms. Dottie Berg
Tel: (410) 671-2031
E-mail: dxberg@apgea.army.mil

May 10-15

The Sixth International Symposium on Protection Against Chemical and Biological Warfare Agents

Stockholm City Conference Center

Stockholm, Sweden

Contact(s) CBW Protection Symposium
FOA NBC Defense
S-901 82 UMEA
Sweden
For Registration: Tel: 46 90 106 602
E-Mail: molofsson@ume.foa.se
For Scientific Program:
Tel: 46 90 106 773 Fax: 46 90 106 801
E-Mail: persson@ume.foa.se
<http://www.opcw.nl/>

May 11-14

1998 Global Demilitarization Symposium & Exhibition

Coeur d'Alene Resort

Coeur d'Alene, ID

Contact(s) The Joint Ordnance Commanders Group (JOCG)
The National Defense Industrial Association (NDIA)
Joint Ordnance Commanders Group Munitions Demilitarization and Disposal Subgroup Defense Ammunition Center
Meeting Reference: # 858
Attn: SIOAC-TD
Savanna, IL 61074-9639
POC: Jim Wheeler
Tel: (815) 273-8084 Fax: (815) 273-8717
POC (NDIA): Ira Click
E-mail: iclick@ndia.org
<http://www.ndia.org/events/brochure/858/858.htm>

2. If you rated a CBIAC product/service as "Fair" (2) or "Poor" (1), please explain.

3. How did you become aware of the CBIAC's products and services?

- ☐ Advertisement ☐ Briefing ☐ CBIAC Homepage ☐ CBIAC Newsletter
☐ Database Search ☐ Display ☐ Referral from another IAC ☐ Co-worker

4. What topic(s) do you recommend for future:

- a. Critical Reviews: _____
b. Databases: _____
c. Handbooks and Databooks: _____
d. Standard Bibliographies: _____
e. State-of-the-Art Reports: _____

5. Would you like to be added to the CBIAC Newsletter mailing list? ☐ Yes ☐ No

If you indicated "Yes", please complete the return address portion of this survey and provide your telephone, fax number, and E-mail address. _____

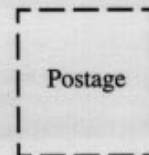
6. General comments?

(Name)

(Organization)

(Address)

(City, State, Zip)



CBIAC
Attn: Mary Jo Waters
P.O. Box 196
Gunpowder Br. APG, MD 21010-0196

FY 98 CBIAC USER SURVEY

Please help the CBIAC create products and services that meet the needs of the CB defense community by completing this survey. Your responses may be faxed (410-676-9703) or mailed to the attention of Mary Jo Waters. A similar survey may be submitted by visiting the CBIAC homepage at <<http://www.cbiac.apgea.army.mil/>> and selecting the "User Survey".

1. Please rate the currently available CBIAC products and services using the scale below. Circle N/A if you have not reviewed the product.

5=Excellent 4=Very Good 3=Satisfactory 2=Fair 1=Poor

◆Basic Products◆

Bibliographies

Biological Warfare	5	4	3	2	1	N/A
Decontamination	5	4	3	2	1	N/A
Demilitarization	5	4	3	2	1	N/A
International Technology, Proliferation, and Control	5	4	3	2	1	N/A

Critical Reviews

A Critical Review of Nuclear, Biological and Chemical Contamination Survivability (NBCCS)	5	4	3	2	1	N/A
A Critical Review of Sources of Spectral Data for Militarily Significant Compounds	5	4	3	2	1	N/A

Handbooks and Databooks

Chemical Defense Materials Databook	5	4	3	2	1	N/A
Worldwide Chemical Detection Equipment Handbook	5	4	3	2	1	N/A
Worldwide NBC Mask Handbook	5	4	3	2	1	N/A

Proceedings

Proceedings of the CB Medical Treatment Symposium: An Exploration of Present Capabilities and Future Requirements for Chemical and Biological Medical Treatment	5	4	3	2	1	N/A
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State-of-the-Art Reports

Material Selection Guide Derived from the Material - Chemical Compatibility Database: Feasibility Based on Database and Predictive Model Evaluation	5	4	3	2	1	N/A
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Training Aids

Chemical War Simulant Training Kit	5	4	3	2	1	N/A
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Databases

Physiological and Psychological Effects of the Nuclear, Biological, and Chemical Environment and Sustained Operations on the Systems in Combat (P2NBC2)	5	4	3	2	1	N/A
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◆CURRENT AWARENESS◆

Briefings	5	4	3	2	1	N/A
CBIAC Homepage (http://www.cbiac.apgea.army.mil/)	5	4	3	2	1	N/A
CBIAC Starter Kit	5	4	3	2	1	N/A
Displays	5	4	3	2	1	N/A
CBIAC Newsletter						
Usefulness	5	4	3	2	1	N/A
Quality	5	4	3	2	1	N/A
Timeliness	5	4	3	2	1	N/A

◆INFORMATION PRODUCTS◆

CBIAC Bibliographic Database (CBIAC BD)	5	4	3	2	1	N/A
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◆INQUIRY AND REFERRAL SERVICES◆

Bibliographic Inquiries	5	4	3	2	1	N/A
General Information Inquiries	5	4	3	2	1	N/A
Referral Inquiries	5	4	3	2	1	N/A
Technical Inquiries	5	4	3	2	1	N/A
Inquiry Response(s)						
Quality	5	4	3	2	1	N/A
Usefulness	5	4	3	2	1	N/A
Timeliness	5	4	3	2	1	N/A

◆TECHNICAL AREA TASKS◆

Overall TAT Performance						
Final Deliverable	5	4	3	2	1	N/A
Usefulness	5	4	3	2	1	N/A
Timeliness	5	4	3	2	1	N/A

2. If you rated a CBIAC product/service as "Fair" (2) or "Poor" (1), please explain.

3. How did you become aware of the CBIAC's products and services?

- ☐ Advertisement ☐ Briefing ☐ CBIAC Homepage ☐ CBIAC Newsletter
☐ Database Search ☐ Display ☐ Referral from another IAC ☐ Co-worker

4. What topic(s) do you recommend for future:

- a. Critical Reviews: _____
- b. Databases: _____
- c. Handbooks and Databooks: _____
- d. Standard Bibliographies: _____
- e. State-of-the-Art Reports: _____

5. Would you like to be added to the CBIAC Newsletter mailing list? ☐ Yes ☐ No

If you indicated "Yes", please complete the return address portion of this survey and provide your telephone, fax number, and _____
E-mail address. _____

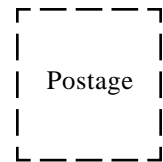
6. General comments?

(Name)

(Organization)

(Address)

(City, State, Zip)



CBIAC
Attn: Mary Jo Waters
P.O. Box 196
Gunpowder Br. APG, MD 21010-0196

May 17-21

1998 ASBMB Annual Meeting

Convention Center
Washington, DC

Contact(s) Federation of American Societies for Experimental Biology (FASEB)/OSMC
9650 Rockville Pike
Bethesda, MD 20814-3998
POC: Kristin Mirabal
Tel: (301) 530-7010 Fax: (301) 530-7014
E-Mail: kmirabal@osmc.fasb.org
<http://www.aai.org/asbmb/>

June 1-3, 1998

Defense Modeling and Simulation Office Industry Days

Ritz Carlton
Tyson's Corner
Vienna, VA

Contact(s) Defense Modeling and Simulation Office (DMSO)
National Training Systems Association (NTSA)
2111 Wilson Boulevard, Suite 400
Arlington, VA 22201
Meeting Reference: #81H
Tel: (703) 247-2569 Fax: (703) 243-1659
POC: Barbara McDaniel
Tel: (703) 522-1820 Fax: (703) 522-1885
E-mail: bmcDaniel@ndia.org
<http://DMSTTIAC.HQ.IITRI.COM/CALENDAR/98-06-01-01.html>

June 2-6

Eurosatory

Paris - Le Bourget
France

Contact(s) COGES
64 rue de Ranelagh
75016 Paris
France
Tel: 33 (0) 1 44 14 58 10 Fax: 33 (0) 1 42 30 70 88
E-Mail: coges@salon-eurosatory.fr
In the US, contact
International Trade Exhibitions in France (ITEF)
2300 Clarendon Blvd, Suite 310
Arlington, VA 22201
Tel: (703) 522-5000 Fax: (703) 522-5005
<http://www.salon-eurosatory.fr/anglais/welcome.html>

June 8-11

Defense Special Weapons Agency's (DSWA) 7th Annual International Conference on Controlling Arms

Wyndham Franklin Plaza Hotel
Philadelphia, PA

Contact(s) Center for Verification Research (CVR)
8500 Cinder Bed Road
P.O. Box 8500
Newington, VA 22122-8500
POC: Ms. Martha Newlon
Tel: (703) 333-5564
Conference Coordinator: Dr. Richard S. Soll (CVR)
Tel: (703) 333-5513
<http://www.dna.mil/dswaconf/control.htm>

June 15-18

21st Army Science Conference

Norfolk Convention Center
Norfolk, VA

Contact(s) Department of the Army
Attn: SARD-TR/Catherine Kominos
103 Army Pentagon
Washington, DC 20310
POC: Dan Oimoen
Tel: (703) 697-3558 Fax: (703) 695-3600

June 23-25

Worldwide Chemical Conference

Ft. McClellan, AL

Contact(s) National Defense Industrial Association (NDIA)
2111 Wilson Boulevard, Suite 400
Arlington, VA 22201
Meeting Reference #830
Tel: (703) 247-2588 Fax: (703) 522-1885
E-mail: adekleine@ndia.org
<http://www.ndia.org>

June 24-26, 1998

AUSA Spring Symposium & Exhibition

Pasadena, CA

Contact(s) Association of the U.S. Army (AUSA)
2425 Wilson Boulevard
Arlington, VA 22201
Tel: (703) 841-4300 Fax: (703) 243-2589
<http://www.ausa.org/meetings/calendar.htm>

August 17-21

Annual Wargame

Newport, RI

Contact(s) National Defense Industrial Association (NDIA)
2111 Wilson Boulevard, Suite 400
Arlington, Virginia 22201
POC: Jean Kohlmeier
Tel: (703) 522-1820 Fax: (703) 522-1885
E-mail: jkohlmeier@ndia.org

August 18

Third Tri-Service Environmental Technology Workshop

"Environmental Technology: Preserving the Balance"

The Town and Country Hotel & Conference Center
North Mission Valley, CA

Contact(s) The U.S. Army Environmental Center Science and Technology Corporation
ATTN: ETW'98
101 Research Drive
Hampton, VA 23666-1340
POC: Ms. Sonya L. Herrin
Tel: (757) 865-7604 Fax: (757) 865-8721
E-mail: herrin@stcnet.com
<http://www.stcnet.com/meetings/etw98.html>

August 25-28

Third Annual Joint Service Pollution Prevention Conference and Exhibition

Henry B. Gonzalez Convention Center
San Antonio, TX

Contact(s) Headquarters Air Force Center for Environmental Excellence
Supported by: National Defense Industrial Association (NDIA)
2111 Wilson Boulevard, Suite 400
Arlington, VA 22201-3061
Meeting Reference: #840
POC: Peter Carellas
Tel: (703) 247-2593 Fax: (703) 522-1885
E-mail: pcarellas@ndia.org
<http://websrv.er.doe.gov/epic/html/calendar.sph#980825>

October 25-30, 1998

The Chemical and Biological Medical Treatment Symposia

Eco-Terrorism I

Zagreb, Croatia

Contact(s) Applied Science and Analysis Inc. (ASA)
PO Box 17533
Portland, Maine 04112-8533
Tel: (207) 829-6376 Fax: (207) 829-3040
E-mail: asa@ime.net or 75222.637@compuserve.com

1999 Meetings

May 10-13

Global Demilitarization

Reno, NV

Contact(s) National Defense Industrial Association (NDIA)
2111 Wilson Boulevard, Suite 400
Arlington, Virginia 22201
Meeting Reference: #960
POC: Ira Click
Tel: (703) 522-1820 Fax: (703) 522-1885
E-mail: iclick@ndia.org
<http://www.ndia.org/events/master98-00.htm#may99>

MEETING HIGHLIGHTS

Chemical and Biological Medical Treatment Symposium, Middle East

Cairo, Egypt 7 -11 December, 1997

by Fran Crimmins

This fourth meeting in the CBMTS (conceived in late 1993 by Applied Science and Analysis of Portland, Maine) series of symposia and the first regional meeting was requested, planned and coordinated by Professor Dr. Mahmoud Amr of the Egyptian Society of Pesticide Hazards (EPH) and the University of Cairo with considerable assistance from ASA. It was held under the auspices of His Excellency The President of Egypt, Mahammed Hosni Mubarak. Battelle Memorial Institute was the sponsor for the meeting and KX Industries, L.P. of Orange, Connecticut was the Co-sponsor. The CBIAC was an active participant along with scientists from over 18 countries including USA, Russia, Ukraine, Georgia, Turkey, Syria, South Africa, Croatia, Yugoslavia, Bulgaria, Poland, Singapore, Czech Republic, Switzerland and, Jordan, Palestine, Kuwait, and Egypt.

Sessions consisted of papers on the following topics: Chronic OP and Insecticide Poisoning; Biological Monitoring; Cholinesterase Monitoring; Epidemiological Studies; Biochemistry, Physiology, Treatment Models and Prevention of OP Poisoning; Treatment and Follow Up of chemical Poisoning in Humans; Civil defense and Prevention of Hazards; Biotechnology and its Application; Chemical Risk Assessment and Human Health; and Biological Risk Assessment and its Prevention.

Highlights included presentations by COL. David Moore of the US Army Medical Research Institute of Chemical Defense on Low Dose Exposure to Nerve Agent and Long-Term Health Effects of Nerve Agent Exposure and a presentation by Sergey V. Netesov of the State Research Center of Virology and Biotechnology "VECTOR" on Diagnostic Tests for Ebola Virus Infection Markers.

As is usual for CBMTS meetings and symposia, considerable knowledge and insights into research being conducted by the various participants and their company/country resulted from the numerous discussions occurring during the breaks and social events.

Editor's Note: The December 4, 1997 (issue number 63) of the ASA Newsletter presents a pre-conference overview.

Secretary Cohen Reshapes Defense For The 21st Century

Defense Link News, [http://www.defenselink.mil/news/Nov1997/](http://www.defenselink.mil/news/Nov1997/b11101997_bt605-97.html)

b11101997_bt605-97.html, 10 November 1997. Secretary of Defense William S. Cohen announced the enactment of the Defense Reform Initiative that would affect the "business" of the Department of Defense (DoD). This reform would involve the Pentagon through all agencies that support service members and their families and will reflect the business practices found within America's private industry. Secretary Cohen stated the reform will initiate the development and the procurement of a new generation of information-based weapons and is aimed at ensuring that DoD support elements are flexible and responsive in support of war fighters, who are rapidly applying new technologies to change the way they fight. The Defense Reform Initiative has four pillars: 1) reengineering, 2) consolidating, 3) competing, 4) eliminating. The Reengineering pillar involves adopting the best private sector business practices for defense support facilities. Secretary Cohen's examples included creating a paper-free system for weapons support and logistics; a paper-free contracting process for major weapons systems by Jan. 1, 2000; shifting to the use of electronic catalogues and electronic "shopping malls;" ending printing of defense regulations by July 1, 1998, and making them available via the Internet or CD-ROM; replacing the "just in case" military logistics with the modern business "just in time" mindset. The Consolidating pillar involves removing redundancy and moving program management back to the field and out of corporate headquarters. Secretary Cohen said the office of the Secretary of Defense will be reduced by 33% within the next 18 months, defense agency personnel will be cut by 21% over the next 5 years, and personnel in the DoD field and related activities will

be reduced by 36% over the next 2 years. Additionally, the Threat Reduction & Treaty Compliance Agency will be established to address the challenges of weapons of mass destruction and will be formed from the consolidation of the On-Site Inspection Agency, the Defense Special Weapons Agency and the Defense Technology Security Administration. Combined with these changes will be the establishment of a Chancellor for Education and Professional Development to raise the quality of civilian training and professional development, and enhancing the role of the National Guard with the domestic emergency response. The Competing pillar involves asking whether the government or the private sector can better carry out a task/function. In response to the Quadrennial Defense Review, the DoD initiated competitions involving more than 34,000 positions in FY97 and will pursue competitions for 30,000 positions in each of the next 5 fiscal years. Examples of areas involved in competition include personnel services, civilian and retiree payments, surplus property disposal, leased property management, national stockpile sales, and drug testing laboratories. The Eliminating pillar involves the elimination of unneeded infrastructure. Secretary Cohen stated that by Jan. 1, 2000, the DoD will, with limited exceptions, privatize all utility systems which the DoD currently owns and operates. These initiatives will be implemented by the creation of the Defense Management Council, chaired by Deputy Secretary John J. Hamre. The Council will also be tasked to apply similar reform initiatives to other DoD elements, including the three military departments.



NEW ACQUISITIONS

The following acquisitions may be reviewed at the CBIAC. Further information on how to obtain or review any of the listed acquisitions is included for your convenience. If you would like further detail, please contact Richard M. Gilman (gilman@battelle.org) at 410-612-6415. The CBIAC is not authorized to distribute duplicates of the listed acquisitions.

Nikolai Spaasky, ed. **Russia's Arms Catalog: Vol. VII—Precision Guided Weapons and Ammunition.** Moscow: Military Parade, 1997, pp. 775.

A comprehensive and informative, photographic inside look at Russia's lethal array of precision guided weapons and munitions. Those in NBC studies will find the sections on nuclear and chemical weapons instructive. Arranged in catalog format with extensive use of illustrative color photos and diagrams.

CB-101449
D755457
ISBN 5-77340002-2
Zigzag Publishers Group
Olympic Tower East
645 Fifth Avenue, 7th Floor
New York, N.Y. 10022
(212) 725-6700

Transport Canada, U.S. Dept. of Transportation and SCT. **1996 North American Emergency Response Guidebook: A Guide Book for First Responders During the Initial Phase of a Hazardous Materials/Dangerous Goods Incident.** Ottawa, Ontario.; Washington, D.C., Mexico City: Transport Canada, U.S. Dept. of Transportation and Secretaria de Comunicaciones Y Transportes, 1996, pp. 353. "¼primarily a guide to aid first responders in quickly identifying the specific or generic hazards of the material(s) involved in the incident, and protecting themselves and the general public during the initial response phase of the incident." Contains four different indices to hundreds of hazardous chemicals and substances and the potential hazards they pose.
CB-102282

ISBN 0-660-16531-7

Hazardous Material Information Exchange 1-800-752-6367

U.S. Dept of Health and Human Services.
NIOSH POCKET GUIDE TO CHEMICAL HAZARDS. Cincinnati, Ohio: NIOSH Publications, 1994, pp. 385.

"intended as a source of general industrial hygiene information for workers, employers, and occupational health professionals." Presents key information and data in tabular form for 677 chemicals or substances that may be found in the work place.

CB-102296 DHHS (NIOSH)
Publication No. 94-116 NIOSH
Publications Mail Stop C-13 4676
Columbia Parkway Cincinnati, Ohio 45226
1-800-356-4674

Ongoing and Recent Activities

Continued from page 4

CBIAC STATISTICS

Total CBIAC documents accessible through DTIC DROLS: 8,657

Shared¹: 4,975 Unique²: 3,682

Total documents added to the CBIAC BD during First Quarter, FY98: 300

Total documents on site: 29,460

Total inquiries received during First Quarter, FY98: 158

Technical: 50 Informational: 18
Bibliographic: 88 Referral: 2

Total TATs awarded since contract initiation: 142

Completed: 53 Ongoing: 89

Total newsletter subscribers: 2,469

¹ Existing DTIC records appended with CBIAC terms

² New DTIC records created by the CBIAC

Planning a Conference/ Symposium???

Let the CBIAC provide you with the technical, logistical, and administrative support you need!

We offer a dedicated staff of technical and administrative personnel trained to support conferences, symposia, and small working group meetings in all areas of Chemical Warfare/Chemical and Biological Defense. Currently the CBIAC supports several annual conferences, workshops, and symposia, both classified and unclassified, in the U.S. and abroad. The CBIAC offers the following support:

- Identification of Subject Matter Experts
- Solicitation of Keynote Speakers
- Mailing List consisting of over 5,000 names (national and international) within the CB Community
- Logistical/Administrative Support (invitation packages, technical agendas, correspondence packages, security issues, etc.)
- Technical Proceedings
- And much more!

For further information contact:

Janice Rhodes

TAT Manager

Tel: (410) 612-6423

Fax: (410) 676-9703

E-Mail: rhodesj@battelle.org



SELECTED INQUIRY RESPONSES

This section of the newsletter contains selections of recent technical inquiries and responses on subjects we feel are of interest to the users. The information presented has been edited to conserve space. If you would like further detail, contact Andrew Blackburn (blackbua @battelle.org) at 410-612-6411. Please provide the reference number if available.

Q: What companies produce chemical agent detector equipment?

A: The following companies produce chemical agent detector equipment:

Government Sources - Foreign:

- Israel Ministry of Defense, Protection Division Hakirya, Tel-Aviv 61909, Israel
- Chemical and Biological Defence Establishment
Porton Down, SP4 0JQ, UK
- Centre D'Etudes du Bouchet (CEB)
BP3-91710 Vert Le Petit, France
- PROENGIN SA
3 rue de l'Industrie, F-78210
Saint Cyr L'ecole, France
- Military Technical Institute of Protection Brno, Nuclear and Chemical Defence Division
P.O. Box 547, 602 00
Brno, Czech Republic
- Defence Rsch Establishment Suffield
P.O. Box 4000,
Medicine Hat, Alberta T1A 8K6,
Canada

Government Sources - Domestic:

- CB Point Detection Team
ATTN: SCBRD-RTE,
Aberdeen Proving Ground, MD
21010-5423

Industry Sources - Foreign:

- Graseby Ionics Division;
Graseby Dynamics Limited
459 Park Avenue,
Bushey, Hertfordshire WD2 2BW, UK

- TECHNIKA Foreign Trading Company LTD
P.O. Box 125, X., Salgolarjani ut 20;
H-1475 Budapest, Hungary
- Protechnik Laboratories (Pty) Limited
P.O. Box 2276,
Randburg, 2125, South Africa
- Honeywell Regelsysteme GmbH,
Geschäftsbereich Sondertechnik
Postfach 2010, D63475
Maintal, Germany
- Bruker Saxonia Analytik GmbH
HPA 5, PF 37, D-04301
Leipzig, Germany
- Environics Oy
Tyomiehenkatu 2, 50101
Mikkeli, Finland
- Bruel & Kjaer
307 Skodsborgvej, DK-2850
Naerum, Denmark
- Anachemia Canada, Inc.
500 Second Ave., P.O. Box 147,
Lacine (Montreal), Quebec H8S 4A7

Industry Sources - Domestic:

- Orbital Sciences Corporation
2271 N. Garey Avenue, P.O. Box 2801,
Pomona, CA 91769-2801
- Microsensor Systems, Inc.
62 Corporate Court,
Bowling Green, Ky 42103
- Analytix, Inc.
1020 Ridge Avenue,
Pittsburgh, PA 15233-2112
- Lockheed Martin Librascope
811 Sonora Avenue,
Glendale, CA 91201-2433
- Technical Products Group, Inc.,
Intellitec Division
2000 Brunswick Lane,
DeLand, FL 32724
- MGP Instruments
Suite 150, 5000 Highlands Parkway,
Smyrna, GA 30082
- Environmental Tech. Group, Inc.,
Chemical/Biological Warfare
Marketing Manager
1400 Taylor Avenue,
Baltimore, MD 21284-9840
- Nuclear Research Corporation
125 Titus Avenue,
Warrington, PA 18976

Q: What Internet sites are available as resources for photos of CB Defensive Equipment? (Reference: 98-0045)

A: The following Internet sites provide photos of CB Defensive Equipment:

- Joint Service Chemical Biological Information System(JSCBIS) brochure
<http://www.sarda.army.mil/jscbis/jscbis.htm>
- Defense Personnel Support Center (DPSC)
<http://www.dpsc.dla.mil/>
- U.S. Marine Corps' Aircraft, Vehicles and Equipment Factfile
<http://www.hqmc.usmc.mil/factfile.nsf/AVE?openview&count=3000>
<http://www.usmc.mil/factfile/20.fa.htm>
<http://www.usmc.mil/factfile/21be.htm>
<http://www.usmc.mil/factfile/22fa.htm>
- NBC RDA Business Area A The Edgewood Enterprise@
<http://www.cbdcom.apgea.army.mil/RDA/>
- Office of the Project Manager for NBC Defense Systems
<http://www.cbdcom.apgea.army.mil/RDA/pdbio/index.html>
- Office of the Program Director for Biological Defense Systems
<http://www.cbdcom.apgea.army.mil/RDA/pdbio/bids2.html>
- HQ Air Force Civil Engineer Support Agency <http://www.afcesa.af.mil/>
- U.S. Army Medical Research and Materiel command <http://mrmc-www.army.mil/>
- FY 95 Annual Report: Nuclear, Biological, and Chemical Reconnaissance System(NBCRS) <http://www.dote.osd.mil/reports/FY95/nbcrs.html>
- Chemical Defense Equipment
<http://chemdef.apgea.army.mil/chemcasu/CDEquip.htm>
- Weapon Systems United States Army 1995 <http://www.dtic.mil/armylink/>
- DefenseLINK Defense Fact File
<http://www.defenselink.mil/factfile/>
- Contamination Avoidance Commodity Area <http://www.brooks.af.mil/HSC/YA/yac/yaccont.htm>
- Environmental Technologies Group, Inc.
<http://www.envtech.com/>

The Dynamic Secure STINET Service now has added the following....

Secure STINET's Customization provides the power to create and modify your own personalized web page. See what has changed in STINET by filtering out what is old and concentrating on what is new¹/4set up a personal profile based on subject fields and groups and automatically receive citations via email to the latest accessions in DTIC's Technical Report collection twice a month¹/4save search queries for both the Technical Report and Work Unit Information System collections for re-use.

Abstracts are now included with citations to unclassified/limited documents in the Technical Reports Bibliographic Database. Viewing abstracts is based on individual user profile access restrictions. If your profile does not permit you to view a particular citation's abstract, you will be allowed to view the rest of the citation, minus the abstract.

Over 3,000 **full-text technical reports** are now available for viewing and downloading. **Special Collections** highlights reports found in DTIC's Technical Reports collection based on the source, topic, or targeted group. In addition to setting up your own search parameters, you can search using preestablished profiles developed by retrieval experts.

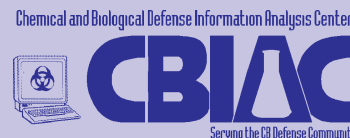
The Partnership for Peace Information Management System (PIMS) is designed to enhance the education of U.S. Service school students. Topic searches developed by DTIC for the PIMS community provide information ranging from air traffic control management to public affairs. PIMS also offers students the capability to construct custom searches for information not covered in the topic searches.

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Tel: Commercial (703) 767-8272, DSN 427-8272
Toll Free: 800-225-3842 (menu selection 2, option 2, sub-option 2)
Fax: Commercial (703) 767-8228, DSN 427-8228
Email: reghelp@dtic.mil

Questions concerning this product may be directed to the Product Management Branch, DTIC-BCP, 1-800-225-3842 (menu selection 2, option 3), 703-767-8267, or DSN 427-8267.



The **CBIAC Newsletter** is a quarterly publication of the Chemical Warfare/Chemical and Biological Defense Information Analysis Center (CBIAC). The CBIAC is a Department of Defense (DoD) Information Analysis Center (IAC), administratively managed by the Defense Technical Information Center (DTIC) under the DoD IAC Program Office.

Government agencies and private industry under contract to the Department of Defense can contact the CBIAC for informational products and services. The CBIAC serves as the center for the acquisition, compilation, analysis and dissemination of information relevant to chemical warfare and chemical and biological defense technology.

The CBIAC is located in Building E3330, Aberdeen Proving Ground - Edgewood Area, Maryland 21010. For further assistance or information, visit or contact the CBIAC Monday through Friday from 8:00 a.m. to 4:00 p.m., EST:

Mailing Address: CBIAC
P.O. Box 196
Gunpowder Branch,
APG, MD 21010-0196

Tel: 410-676-9030 **Fax:** 410-676-9703
E-mail: cbiac@battelle.org
URL: <http://www.cbiac.apgea.army.mil/>

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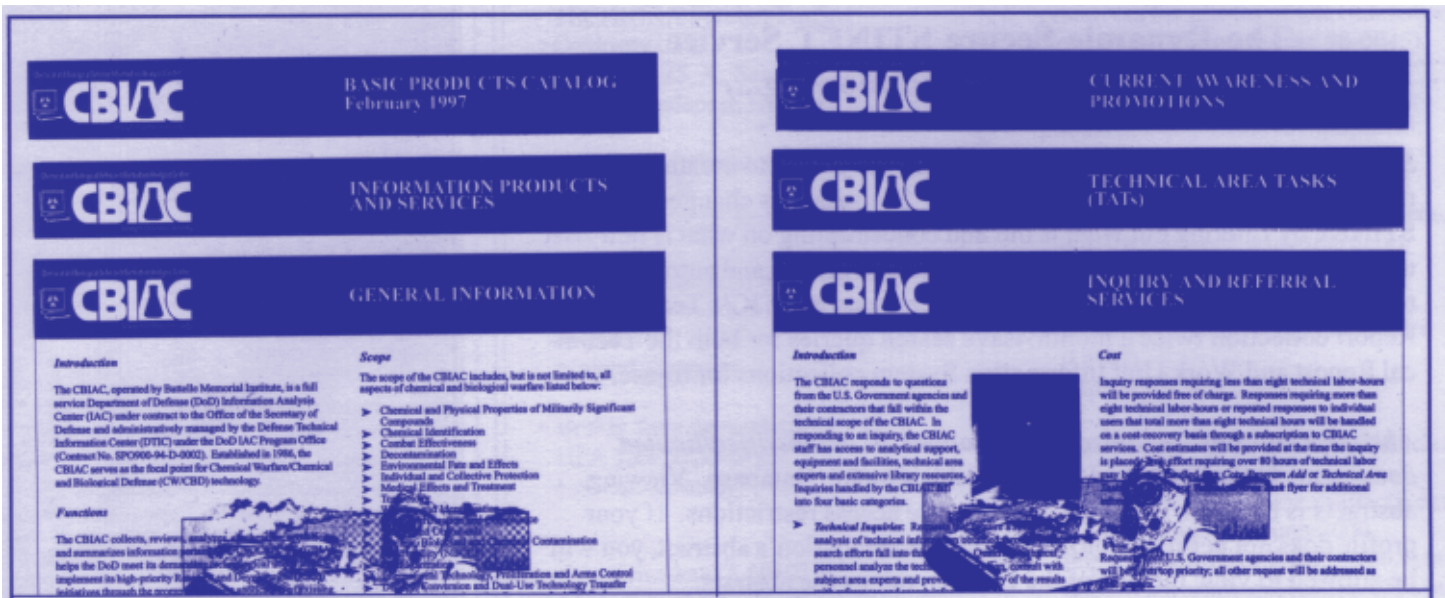
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Tel: 410-612-6411 **E-Mail:** blackbua@battelle.org

Mary Jo Waters, Newsletter Editor, Current Awareness & Promotions
Tel: 410-612-6418 **E-Mail:** watersm@battelle.org

Judith M. Shetterly, CBIAC Administrator
Tel: 410-612-6412 **E-Mail:** shetterj@battelle.org

The Contracting Officer's Technical Representative for the CBIAC is Mr. Joseph D. Williams. He can be reached through his E-Mail address at jdwillia@cbdcom.apgea.army.mil or at the following address:

Technical Director, ERDEC
Attn: SCBRD-RTA (Mr. Joseph Williams)
APG-EA, MD 21010-5423



FY98 CBIAC User Survey

The CBIAC has created products and services designed to be valuable resources for the CB Defense Community. Please take a moment to complete the FY98 CBIAC User Survey on page 7, and return it by fax or mail to the CBIAC. Your response makes a difference and helps us to determine the topics for future products. Let us know how we can better serve you!

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P.O. Box 196
Gunpowder Branch APG, MD 21010-0196

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